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FILE # 997113

CONFIDENTIAL

December 20, 1967

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P. O. BOX 6788
Fort Davis Station
Washington, D. C. 20020

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Attention:

25X1

Reference: Contract

Subject: Monthly Report

Gentlemen:

Enclosed is the Forty-First Monthly Report covering work under the referenced contract during November 1967.

Sincerely,

INFORMATION SYSTEMS DIVISION

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Manager, Contracts

WAK:ck

Enclosure: 1 to Contracting Officer
4 directly to Technical Monitor ✓

Declass Review by NGA.

CONFIDENTIAL

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CONTACT DUPLICATING AND RESEAU PRINTER

AND

HIGH RESOLUTION STEP AND REPEAT PRINTER

FORTY-FIRST MONTHLY LETTER REPORT

DECEMBER 14, 1967

Period: November 1, 1967, to November 30, 1967

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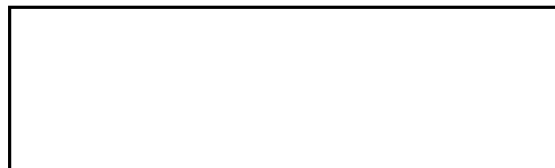


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1.0 CONTACT DUPLICATING AND RESEAU PRINTER

1.1 Purpose

The overall objective of the current contract is the design, fabrication, test, and delivery of a photographic step and repeat Contact Duplicating and Reseau Printer. Prime design goals are high-speed automatic operation, variable format capability, and high resolution with minimum film distortion or damage. The delivered equipment will accommodate films of 70mm to 9 $\frac{1}{2}$ " width with frame lengths up to 30" and will provide operation in the Reseau mode and selective mode as options.

1.2 Activity of this Report Period

25X1 [] made a field trip to the Army Map Service on November 14 and 15 to investigate a problem encountered when the Reseau grid was being printed. The problem was one resulting from the test conditions and is one that will not be encountered in actual operation. It has been reported that during the acceptance test there has been a degradation in resolution capability. Further investigation into this report is planned.

1.3 Plans for Next Report Period

Assist the Government Acceptance Test Program as required.

1.4 Problems

None.

1.5 Documentation

None.

1.6 Questions Outstanding

None.

2.0 HIGH RESOLUTION STEP AND REPEAT PRINTER

2.1 Purpose

The purpose of this effort is to design, fabricate, test, and deliver in twenty months a high precision step and repeat, photographic contact printer. This printer will be capable of producing photographic contact prints of the highest possible quality, resolution, and acutance from roll film widths varying from 70mm to 9 $\frac{1}{2}$ " and in preselected frame lengths from 5" up to a maximum of 30".

2.2 Activity of this Report Period

There was no activity this month.

2.3 Documentation

None.

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